



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary

SOLID WASTE SECTION

July 22, 2008

Mr. David Lambert
Iredell County Solid Waste
354 Twin Oaks Road
Statesville, North Carolina 28625

Subject: Site Inspection and Pre-Operative Meeting
Iredell County Landfill Phase 4
Permit No. 49-03
Iredell County
Document ID No. 5281

Dear Mr. Lambert:

On July 21, 2008 a site inspection and pre-operative meeting was held regarding the Iredell County Landfill, Phase 4 construction. The meeting was held at the Landfill, in accordance with the permit conditions specified in the Landfill's Phase 4 Permit to Construct. Those present for the meeting were you, Mr. John Murray and I; Mr. Charles Gerstell was unable to join us due to a prior commitment. The following items were discussed during the meeting:

- You informed me that Phase 4 is scheduled to go into use as soon as the Permit to Operate is issued. The Division's Environmental Specialist responsible for this facility, Mr. Charles Gerstell, should be notified prior to startup of operations in Phase 4.
- We discussed the vehicular access to Phase 4. All access areas to the new construction should be covered with a minimum of three (3) feet of soil. The purpose of this coverage is to protect the liner anchor trench at the access points. Upon inspection of the construction it could not be determined if the protective soil cover was in place. The Owner/Operator is responsible for ensuring this work is done prior to operation of Phase 4.
- We discussed that prior to disposal in Phase 4 that the geotextile covering of the gravel columns be removed properly. The removal of the geotextile should occur with the progression of fill within Phase 4. Furthermore, the geotextile removal shall be documented by the facility's trained landfill operator. This requirement is a permit condition of the Landfill's Permit to Operate.

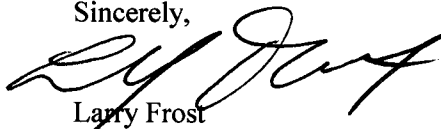
- We discussed that all signs and markers must be in place prior to operation of Phase 4. Upon inspection it was noted that the markers indicating the edge of the liner were in place and were adequate.
- We discussed the leachate collection system and pumps. It was indicated that there is a spare pump in stock at the facility. I emphasized the importance of;
 - Recording the manufacturer and model numbers of new pumps to ensure replacement parts and pumps can be ordered when needed.
 - Maintaining a list of pump vendors in case of emergency.
 - Understanding that storing leachate on the liner in cases of pump failure should only be done in the most extreme emergency and that the Division's Environmental Specialist, responsible for this facility, must be notified immediately should this occur.
 - I also requested the County consider back-up power (generators) for the pump stations, in the event of power failures.
- We discussed the latest legislation NCGS 130A-295.6(h)(3) that requires the cleaning and inspection of leachate lines.

All leachate collection lines shall be designed and constructed to permanently allow cleaning and remote camera inspection. All leachate collection lines shall be cleaned at least once a year, except that the Department may allow leachate collection lines to be cleaned once every two years if: (i) the facility has continuous flow monitoring; and (ii) the permit holder demonstrates to the Department that the leachate collection lines are clear and functional based on at least three consecutive annual cleanings. Remote camera inspections of the leachate collection lines shall occur upon completion of construction, at least once every five years thereafter, and following the clearing of blockages.

- We discussed the proper preparation of the Phase by ensuring there is at least a ten (10) foot deep fluff layer of waste placed in the Phase prior the filling.
- The question of permit fees came up during the meeting; I will confirm with Mr. Jeff Skabo, that they have been paid.
- We discussed that Mr. John Murray will now take over as Iredell County Landfill's Regional Engineer.

The permit conditions requiring Site Inspection and Pre-Operative Meeting have hereby been met. The only item on the list that requires immediate is to ensure that the County has indeed paid the proper permitting fees. If you should have any questions regarding this matter you may contact me at (828) 296-4704.

Sincerely,



Larry Frost
Regional Engineer

cc: Wayne Sullivan – MESCO
John Murray – SWS/MRO
Deb Aja – SWS/ARO
Charles Gerstell – SWS/MRO